

POLREP #1 *****DRAFT*****
Abex Baltimore
ABC Rail Products Corporation
2200 Winchester Street
Baltimore, Baltimore County, MD 21216
Attn: RRC and Charlie Kleeman
Event: Integrated Assessment

ORIGINAL
(Recd)

- I. SITUATION (1100 Hours, Thursday, 24 February, 2000)
- A. The Environmental Protection Agency (EPA) Region III Site Assessment Manager (SAM) Bill Wentworth and On-Scene Coordinator (OSC) Walter Lee tasked SATA to conduct an integrated assessment at the ABC Rail Products Corporation (Site) and the adjacent community in Baltimore, Baltimore County, Maryland.
 - B. The site, approximately 20 acres in size, is an active cast iron railroad brake shoe manufacturer located in a mixed industrial/residential area of Baltimore.
 - C. The plant operates a cupola furnace that produces molten iron for casting into railroad brake shoes. Air emissions from the cupola furnace are controlled by a baghouse dust collection system. The dust collected from the baghouse was at one time disposed as a hazardous waste due to cadmium and lead content. In 1992, the company began using "Bantox" which causes the baghouse dust to pass the Toxicity Characteristic Leachate Procedure (TCLP) test for lead and cadmium. The baghouse dust is tested periodically by ABC Rail Products using TCLP methods. Feed material to the cupola furnace is mainly scrap metal and coke. Lead and cadmium in the baghouse dust comes from contaminants in the scrap metal.
 - D. SATA collected surface and sub-surface soil samples to be analyzed for lead and cadmium. The analytical results obtained from this integrated assessment sampling event will be used to determine if these hazardous substances have migrated from the site and are impacting the surrounding community. The analytical test method to be used for the soil is CLP ILM04.0.
 - E. Personnel on Site: 21 February 2000 SATA-4.
22 February 2000 SATA-4.
23 February 2000 SATA-3.
 - F. Weather: 21 February 2000 - Sunny, Temperature in the 50s.
22 February 2000 - Sunny, Breezy, Temperature in the 50s.
23 February 2000 - Partly Sunny, Breezy, Temperature in the 40s.

II. ACTIONS TAKEN:

Monday, 21 February 2000

- A. SATA met with ABC Rail Products Plant Manager Mr. Warren Squirewell. Mr. Squirewell told SATA that the burn would take place on either Wednesday the 23rd or Thursday the 24th and that it would begin at 0600 hours and last for eight hours. The burn is the period in which the furnace is utilized.
- B. SATA collected surface and sub-surface soil samples from two residential properties for analysis.

Tuesday, 22 February 2000

- A. SATA met with Mr. Squirewell, ABC Rail Products Environmental

Consultant Mr. Kevin Grenner of Haley & Aldrich, and ABC Rail Products Independent Consultant, Mr. Ray Trench. SATA discussed the sampling plan and sampling locations of interest.

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B. SATA collected the following soil samples:

- One surface and one sub-surface from a residential property.
- Three surface and three sub-surface from George Washington Carver Technical Vocational High School athletic field. One of the samples were collected within 200 feet of the High School.
- One surface and one sub-surface from a day care center located near the Site. The sample was collected within 200 feet of the day care center.
- One surface and one sub-surface from a commercial property located adjacent to the Site.
- Seven surface and six sub-surface from the Site, and
- One background sample from Druid Hill Park.

C. SATA also collected one baghouse dust sample from the Site. Wednesday, 23 February 2000

A. SATA collected an additional background sample from Gwynn Falls Trail.

III. FUTURE ACTIONS:

A. OSC Lee and SAM Wentworth will await analytical results to determine further actions at the site.

Walter Lee, OSC
EPA Region III
Philadelphia, PA

Bill Wentworth, SAM
EPA Region III
Philadelphia, PA